BOOK 5609

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

METES-AND-BOUNDS SURVEY OF

THE EAGLETAIL MOUNTAINS AREA BOUNDARY,

IN UNSURVEYED

TOWNSHIP 1 NORTH, RANGE 11 WEST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA.

EXECUTED BY

Stephen K. Hansen, Cadastral Surveyor

Under Special Instructions dated April 15, 1998, approved April 15, 1998, which provided for the surveys included under Group No. 827, and assignment instructions dated April 15, 1998.

Survey commenced November 22, 1999

Survey completed November 23, 1999

INDEX DIAGRAM

TOWNSHIP 1 NORTH RANGE 11 WEST

6	5	4	3	2	1
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T. 1 N., R. 11 W., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the metes-and-bounds survey of the Eagletail Mountains Wilderness Area boundary, in unsurveyed T. 1 N., R. 11 W., Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this resurvey is as follows:

Jesse B. Wright surveyed the east boundary, in 1914. Woodbury Abbey, Roy J. Gill and Hans D. Voight surveyed the Gila and Salt River Baseline through R. 11 W., in 1914-1916. Francis E. Joy and Robert H. Fischer surveyed the north boundary, in 1934. Boyd S. Owens surveyed the west boundary, in 1964.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated April 15, 1998, for Group No. 827, Arizona.

The directions of all lines were determined and distances measured, by the technique of differential positioning using Trimble Navigation 4400 Series Global Positioning System receivers utilizing the Real-Time Kinematic technique.

The geographic position of the corner of sections 1, 6, 7 and 12, on the east boundary of the township, was determined by the technique of differential positioning using the Trimble Navigation 4400 Series Global Positioning System. First order U. S. Coast and Geodetic Survey triangulation station "COURT 1948", with published latitude of 33° 27' 29.79051" N., and published longitude of 113° 17' 14.89736" W., NAD83 (1992), was used as the control station. The geographic position is as follows:

Latitude: 33° 26' 59.77" N. Longitude: 113° 20' 06.26" W. NAD83(1992)

The mean magnetic declination is 12¾° E.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 11 W., Gila and Salt River Mer., Arizona

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Memorandum

AP 1 through AP 21 are located approximately at a 33 ft. offset southwesterly of a 10 ft. wide trail road.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 11 W., Gila and Salt River Mer., Arizona

CHAINS	
	From AP 1, identical with AP 49, T. 1 N., R. 10 W., on the line bet. secs. 7 and 12, on the E. bdy. of the Tp., monumented with an aluminum rod, ⅜ in. diam., firmly set, projecting 16 ins. above ground, in a mound of stone, 3 ft. base, to top, with aluminum cap mkd. T1N R11W R10W S12 S7 AP1 AP49 EMWA 1999 as described in the metes-and-bounds survey of the Eagletail Mountains Wilderness Area bdy., T. 1 N., R. 10 W., executed concurrently under this same group. From this cor. point, the cor. of secs. 1, 6, 7 and 12, monumented with an iron post, 3 ins. diam., firmly set, projecting 24 ins. above ground, in a mound of stone, 3 ft. base, 2 ft. high, with brass cap mkd. T1N R11W R10W S1 S6 S12 S7 1914 1998 as described in the dependent resurvey of a portion of the W. bdy., T. 1 N., R. 10 W., executed concurrently under this same group, bears North, 5.42 chs. dist. From the cor. of secs. 1, 6, 7 and 12, U.S. Coast and Geodetic Survey triangulation station "Court 1948", bears N. 78°12' E., 224.77 chs. dist., monumented with a brass tablet, 3½ ins. diam., firmly set, in concrete, flush with bedrock, with brass cap mkd. COURT 1948 and a triangle. Reference monuments were recovered in good condition and were used to verify the position of the tri-station. N. 55°37' W., on line 1-2, on the Eagletail Mountains Wilderness Area bdy.
1.23	Point for AP 2. Set an aluminum rod, 36 ins. long, ⅜ in. diam., 28 ins. in the ground, with aluminum cap mkd. T1N R11W \ AP 2 EMWA 1999 N. 54°06' W., on line 2-3.
6.76	Point for AP 3. Set an aluminum rod, 36 ins. long, ⅜ in. diam., 30 ins. in the ground, with aluminum cap mkd.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 11 W., Gila and Salt River Mer., Arizona

CHAINS	
	T1N R11W AP 3 EMWA 1999
	N. 78°41' W., on line 3-4.
5.84	**Point for AP 4.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 30 ins. in the ground, with aluminum cap mkd.**
	T1N R11W AP 4 EMWA 1999
	N. 43°01' W., on line 4-5.
5.36	**Point for AP 5.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 28 ins. in the ground, with aluminum cap mkd.**
	T1N R11W AP 5 EMWA 1999
	N. 68°00' W., on line 5-6.
4.60	**Point for AP 6.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 28 ins. in the ground, with aluminum cap mkd.**

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 11 W., Gila and Salt River Mer., Arizona

CHAINS	
	T1N R11W AP 6 EMWA 1999
	N. 50°10' W., on line 6-7.
5.04	**Point for AP 7.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 28 ins. in the ground, with aluminum cap mkd.** T1N R11W AP 7 EMWA 1999
	N. 60°48' W., on line 7-8.
7.35	**Point for AP 8.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 28 ins. in the ground, with aluminum cap mkd.** T1N R11W AP 8 EMWA 1999
	N. 10°24' W., on line 8-9.
5.38	**Point for AP 9.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 30 ins. in the ground, with aluminum cap mkd.**

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CHAINS	
	T1N R11W AP 9 EMWA 1999
	N. 29°23' W., on line 9-10.
4.96	**Point for AP 10.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 26 ins. in the ground, in a mound of stone, 2 ft. base, 1 ft. high, with aluminum cap mkd.**
	T1N R11W AP10 EMWA 1999
	N. 10°35' W., on line 10-11.
5.52	**Point for AP 11.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 30 ins. in the ground, with aluminum cap mkd.**
	T1N R11W AP11 EMWA 1999
	N. 4°01' E., on line 11-12.
4.35	**Point for AP 12.** **Set an aluminum rod, 36 ins. long, ¾ in. diam., 30 ins. in the ground, with aluminum cap mkd.**

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 11 W., Gila and Salt River Mer., Arizona

CHAINS	
	T1N R11W AP12 EMWA 1999
	N. 8°22' W., on line 12-13.
4.99	Point for AP 13. Set an aluminum rod, 30 ins. long, ⅜ in. diam., 20 ins. in the ground, with aluminum cap mkd.
	T1N R11W AP13 EMWA 1999
	N. 50°29' W., on line 13-14.
8.98	Point for AP 14. Set an aluminum rod, 36 ins. long, ⅜ in. diam., 32 ins. in the ground, with aluminum cap mkd.
	T1N R11W AP14 EMWA 1999
	N. 19°47' W., on line 14-15.
6.91	Point for AP 15. Set an aluminum rod, 30 ins. long, ¾ in. diam., 22 ins. in the ground, with aluminum cap mkd.

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CHAINS	
	T1N R11W  AP15 EMWA 1999
	N. 58°16' W., on line 15-16.
7.22	Point for AP 16. Set an aluminum rod, 28 ins. long, ¾ in. diam., 22 ins. in the ground, with aluminum cap mkd.
	T1N R11W  AP16 EMWA 1999
	S. 77°59' W., on line 16-17.
6.27	Point for AP 17. Set an aluminum rod, 30 ins. long, ¾ in. diam., 24 ins. in the ground, with aluminum cap mkd.
	T1N R11W  AP17 EMWA 1999
	N. 55°27' W., on line 17-18.
7.32	Point for AP 18. Set an aluminum rod, 36 ins. long, ¾ in. diam., 32 ins. in the ground, with aluminum cap mkd.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 11 W., Gila and Salt River Mer., Arizona

CHAINS	
	T1N R11W AP18 EMWA 1999
	S. 75°55' W., on line 18-19.
6.58	Point for AP 19. Set an aluminum rod, 36 ins. long, ¾ in. diam., 32 ins. in the ground, with aluminum cap mkd. T1N R11W AP19 EMWA 1999
	N. 73°07' W., on line 19-20.
2.92	Point for AP 20. Set an aluminum rod, 36 ins. long, ¾ in. diam., 32 ins. in the ground, with aluminum cap mkd. T1N R11W AP20 EMWA 1999
	S. 69°48' W., on line 20-21.
2.96	Point for AP 21. Set an aluminum rod, 36 ins. long, ¾ in. diam., 28 ins. in the ground, with aluminum cap mkd.

Metes-and-Bounds Survey of the Eagletail Mountains Wilderness Area Bdy., T. 1 N., R. 11 W., Gila and Salt River Mer., Arizona

CHAINS	
	T1N R11W  AP21 EMWA 1999
	S. 83°37' W., on line 21-22.
	Along flat desert land through scattering creosote and cacti.
5.17	Point for AP 22.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.
	T1N R11W  AP22 EMWA 1999
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	North, on line 22-23, on the EMWA bdy.
	Along rolling rocky desert land through scattering creosote, ironwood and cacti.
26.53	The cor. of secs. 1, 2, 35 and 36, identical with AP 23, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 2½ ft. base, 1 ft. high, with brass cap mkd. T2N R11W S35 S36 S2 S1 T1N 1934. Add the marks 1999 to the brass cap.
	Description of the Eagletail Mountains Wilderness Area Boundary, T. 1 N., R. 11 W., Gila and Salt River Meridian, Arizona
	The following description is for informational purposes only.

T. 1 N., R. 11 W., Gila and Salt River Meridian, Arizona

CHAINS

Beginning at Angle Point 1, identical with Angle Point 49, T. 1 N., R. 10 W., on the line bet. secs. 7 and 12, on the E. bdy. of the Tp.

thence N. 55°37' W., 1.23 chs. dist., to Angle Point 2;
thence N. 54°06' W., 6.76 chs. dist., to Angle Point 3;
thence N. 78°41' W., 5.84 chs. dist., to Angle Point 4;
thence N. 43°01' W., 5.36 chs. dist., to Angle Point 5;
thence N. 68°00' W., 4.60 chs. dist., to Angle Point 6;
thence N. 50°10' W., 5.04 chs. dist., to Angle Point 7;
thence N. 60°48' W., 7.35 chs. dist., to Angle Point 8;
thence N. 10°24' W., 5.38 chs. dist., to Angle Point 9;
thence N. 29°23' W., 4.96 chs. dist., to Angle Point 10;
thence N. 10°35' W., 5.52 chs. dist., to Angle Point 11;
thence N. 4°01' E., 4.35 chs. dist., to Angle Point 12;
thence N. 8°22' W., 4.99 chs. dist., to Angle Point 13;
thence N. 50°29' W., 8.98 chs. dist., to Angle Point 14;
thence N. 19°47' W., 6.91 chs. dist., to Angle Point 15;
thence N. 58°16' W., 7.22 chs. dist., to Angle Point 16;
thence S. 77°59' W., 6.27 chs. dist., to Angle Point 17;
thence N. 55°27' W., 7.32 chs. dist., to Angle Point 18;
thence S. 75°55' W., 6.58 chs. dist., to Angle Point 19;
thence N. 73°07' W., 2.92 chs. dist., to Angle Point 20;
thence S. 69°48' W., 2.96 chs. dist., to Angle Point 21;
thence S. 83°37' W., 5.17 chs. dist., to Angle Point 22;
thence North, 26.53 chs. dist, to Angle Point 23, identical with the cor. of secs. 1, 2, 35 and 36, on the N. bdy. of the Tp.

GENERAL DESCRIPTION

The Eagletail Mountains Wilderness Area is located about 65 miles west of Phoenix, near the town of Tonapah, Arizona.

Terrain is rolling, rugged and rocky, and covered with vegetation of creosote, cacti and grasses. There are scattering palo verde and ironwood trees throughout the area.

Mule deer, desert bighorn sheep, and javelina live in the wilderness area. There is some cattle grazing.

Elevation is about 1600 feet above sea level.

No recent mining activity was noted.

The mean magnetic declination of 12¾° E., was derived from the United States Geological Survey computer program GEOMAGIX, utilizing the Regional Magnetic Field Model for Epoch 1995 for the dates of survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Cheryl A. Hansen	Surveying Technician

CERTIFICATE OF SURVEY

I, Stephen K. Hansen, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 15th day of April, 1998, I have performed the metes-and-bounds survey of the Eagletail Mountains Wilderness Area boundary, in unsurveyed T. 1 N., R. 11 W., Gila and Salt River Meridian, Arizona, which is represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

12/07/00
(Date)

Stephen K Hansen
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the metes-and-bounds survey of the Eagletail Mountains Wilderness Area boundary, in unsurveyed T. 1 N., R. 11 W., Gila and Salt River Meridian, Arizona, executed by Stephen K. Hansen, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

July 23, 2001
(Date)

Kenny D Kuwnika
(Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in unsurveyed T. 1 N., R. 11 W., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~

~~(Chief Cadastral Surveyor of Arizona)~~